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Industry: Chief Expert SMS Group (Germany 2020 ongoing); Chief Technologist Ausmelt Australia & Director Technology Management Outotec (Australia and Finland 2006-2015); Anglo American Corporation & Mintek (1984-1985 & 1994-1996 South Africa).

Academic: Director at Helmholtz Institute Freiberg (Germany 2015-2020); Full Professor TU Delft (Netherlands 1996-2005); Honorary & adjunct professorships @ (i) TUBAF Freiberg (Germany 2015 ongoing); (ii) Curtin University Perth (Australia 2018 ongoing) (iii) Aalto University (Finland 2012-2018); (iv) Central South University (China 2012-2017) & (v) Melbourne University (Australia, also full professor 2005-2018).

Education: D.Eng. & PhD Stellenbosch University (2006 & 1991 South Africa); Dr. habil. RWTH Aachen (1995 Germany).

Publications and Patents: H-factor: 46 (Scopus) 59 (Google); >38 patents awarded in 4 patent families. Handbook of Recycling 1st and 2nd Editions (Elsevier, 2014, 2024)

<https://scholar.google.com/citations?user=5cLC8VEAAAAJ&hl=en&oi=ao>

Ranking:

ScholarGPS

Highly Ranked Scholar - Lifetime: #11 Globally in Recycling

Overall Lifetime All Disciplines: #118,842 (Top 0.41%)

<https://scholargps.com/scholars/85237327902577/markus-a-reuter>

Ranking: Stanford Top 2% Global Scientists

Mining & Metallurgy category Single year: 9th (2022), 21st (2023), 27th (2024) Career: 26th (2022), 34th (2023, 2024)

<https://topresearcherslist.com/Home/Profile/825881>

Recent Awards: 2022 TMS (USA) Science Award; 2022 TMS Best paper "Journal of Sustainable Metallurgy"; 2022 Light Metals Luncheon Lecture; 2020 TMS EPD Luncheon Lecture; 2 Honorary Doctorates @ (i) 2015 University of Liège (Belgium), (ii) 2017 University of Stellenbosch (South Africa); 2016 TMS EPD Distinguished Lecture Award; 2015-2016 SME Henry Krumb Lecturer; 2014 TMS Science Award; 2013 Outotec (now Metso) technology award.

Keywords: Process design, simulation, metallurgy, circular economy, design for recycling, life cycle assessment